We claim:

1. A mixture comprising at least one radiation-curable composition (I) and at least one pressure-sensitive adhesive (II).

2. A mixture as claimed in claim 1, comprising as adhesive (II) at least one acrylic adhesive.

3. A mixture as claimed in claim 1 or 2, wherein the adhesive has a glass transition temperature T_g of between -60 and -10°C.

4. A mixture as claimed in any of claims 1 to 3, comprising as adhesive (II) an adhesive composition which can be crosslinked by means of active radiant energy.

5. A mixture as claimed in claim 4, wherein the adhesive composition which can be crosslinked by means of active irradiation of energy has a glass transition temperature T_g of between -60 and +10°C.

6. A mixture as claimed in claim 4 or 5, wherein the adhesive composition which can be crosslinked by means of active irradiation of energy has a molar weight of between 200 000 and 1 500 000 g/mol.

7. A mixture as claimed in any of claims 1 to 6, wherein the radiation-curable composition (I) comprises

   (A) at least one polymerizable compound containing two or more copolymerizable, ethylenically unsaturated groups,

   (B) if desired, reactive diluents,

   (C) if desired, photoinitiator, and

   (D) if desired, further, typical coatings additives.

8. A mixture as claimed in claim 7, wherein the radiation-curable composition (I) comprises

   40 - 100% by weight of at least one polymerizable compound containing two or more copolymerizable, ethylenically unsaturated groups (A),

0 - 60% by weight of reactive diluents (B),

0 - 20% by weight of photoinitiator (C), and

0 - 50% by weight of further, typical coatings additives (D)

with the proviso that (A), (B), (C) and (D) together make up 100% by weight.

9. A mixture as claimed in claim 7 or 8, comprising compounds (A) comprising carbonate or urethane (meth)acrylates or carbonate or urethane vinyl ethers.

10. A mixture as claimed in any of claims 7 to 9, comprising at least one polymer-analogously modified copolymer as compound (A).

11. A mixture as claimed in any of claims 1 to 10, comprising

90 - 99.9% by weight of radiation-curable composition (I) and

0.1 - 10% by weight of pressure sensitive adhesive (II).

12. A method of coating a substrate which comprises using a coating material comprising a mixture as claimed in any of claims 1 to 11.

13. A method as claimed in claim 12, wherein following application to the substrate the coating material is first dried, where appropriate, and then

either is first thermally treated and then cured with active radiant energy,

or is first cured with active radiant energy and then thermally treated.

14. A method as claimed in claim 13, wherein said active radiant energy is light of wavelength λ=150 to 700 nm.

15. A method as claimed in claim 13 or 14, wherein the thermal treatment is conducted at between 40 and 120°C.

16. The use of a coating material comprising a mixture as claimed in any of claims 1 to 11 for coating a substrate.

17. The use as claimed in claim 16 or method as claimed in any of claims 12 to 15, wherein said substrate is plastic, glass or metal.

18. The use as claimed in claim 16 or 17 or method as claimed in any of claims 12 to 15, wherein said substrate is metal foil and/or plastic film or a composite of metal foil and plastic film.